Compaq StorageWorks

RAID Array 3000 Controller Shelf

Hardware User's Guide

EK–SMCPQ–UG. C01

Compaq Computer Corporation
Houston, Texas

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Congratulations
on your purchase of a new
Legacy American Series amplifier!

Legacy amps are some of the most advanced car amplification products available. These quality audio products are designed and engineered to afford you years of uncompromised musical service. Legacy has utilized the latest electronic technologies in order to deliver a superb listening experience.

This innovative system has been designed utilizing a 12 VDC Negative Ground power supply. The LEGACY AMERICAN Series amps incorporate two to eight MOSFETS in the different models.

This design produces enough available voltage to supply the main amplifier sections, and still have a huge amount of reserve voltage for peak "high demand" situations.

The Legacy line has been designed to ensure adequate headroom for even the most demanding peaks and dynamic ranges found on today's CD's and recordings. Used properly, these amplifiers will provide you with years of listening pleasure.

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Legacy American Amplifier Features

LA-488/588/688/788/988/1088
1488/1888/2088/2288 also feature:

- Soft turn on/off circuit
- Variable gain control
- Remote turn on/off
- Hi/low level inputs
- Power on LED indicator
- LED protection indicator
- Fully adjustable electronic crossover network
- Remote control Bass boost (0 – +18 dB @ 60 Hz)
- 2 ohm stereo stable
- Bridgeable into 4 ohms
- MOSFET PWM power supplies

Specifications

	LA-488 2CH amplifier	LA-588 2CH amplifier	LA-688 4CH amplifier	LA-788 2CH amplifier	LA-988 2CH amplifier
OUTPUT POWER RMS @ 4 OHMS RMS @ 2 OHMS MAX OUTPUT BRIDGE MODE	 2 X 40W 2 X 60W 2 X 300W 1 X 600W	 2 X 50W 2 X 75W 2 X 400W 1 X 800W	 4 X 35W 4 X 55W 4 X 250W 2 X 250W+500W or 2 X 500W	 2 X 75W 2 X 125W 2 X 500W 1 X 1000W	 2 X 100W 2 X 150W 2 X 600W 1 X 1200W
FREQUENCY RESPONSE	10 Hz-30 kHz				
INPUT IMPEDANCE LOW LEVEL INPUTS HIGH LEVEL INPUTS	 10 k-Ohms 100 Ohms				
INPUT SENSITIVITY LOW LEVEL INPUTS HIGH LEVEL INPUTS	 250 mV 2.5V				
POWER SUPPLY VOLTAGE	14.4 VDC/NEG GD (10.5-16V)				
MATCHING SPEAKER IMPEDANCE STEREO MODE BRIDGED MODE	 2-4 OHMS 4-8 OHMS	 2-4 OHMS 4-8 OHMS	 2-4 OHMS 4-8 OHMS	 2-4 OHMS 4-8 OHMS	 2-4 OHMS 4-8 OHMS
MAXIMUM CURRENT DRAW	15 A	15 A	20 A	20 A	30 A
DIMENSIONS, W x H x L, inches (mm)	11.38 X 2.48 X 8.25 (289 X 63 X 209)	11.38 X 2.48 X 9.25 (289 X 63 X 235)	11.38 X 2.48 X 12 (289 X 63 X 305)	11.38 X 2.48 X 12 (289 X 63 X 305)	11.38 X 2.48 X 13.5 (289 X 63 X 343)
NET WEIGHT, LBS (KG)	4.84 (2.2)	5.28 (2.4)	7.15 (3.25)	6.6 (3)	7.59 (3.45)

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ENGLISH

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To Avoid Damaging Your Appliance

- Do not line your oven with aluminium foil and do not place a baking tray or dish on the oven floor, otherwise the oven enamel will be damaged by the resulting build up of heat.
- Juice from fruit that drips from baking trays will leave marks that cannot be removed. For very moist cakes, use the universal baking tray.
- Do not put any weight on the oven door when it is open.
- Never pour water directly into the hot oven. The enamel may be damaged.
- Using force, especially on the edges of the front glass panel, may break the glass.
- Do not store inflammable objects in the oven. They may ignite when the oven is switched on.
- Do not store moist food in the oven. The enamel may be damaged.

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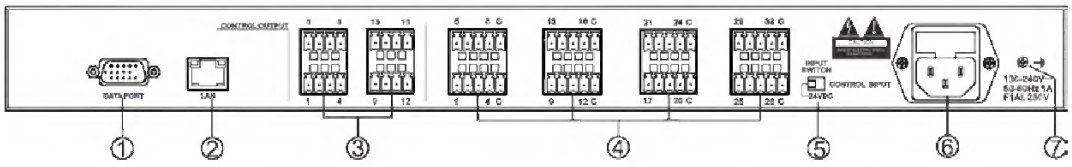
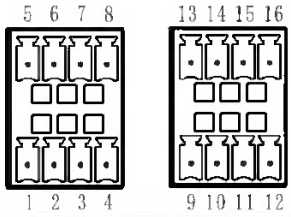
2.2.2 Rear view



①DATA PORT: data upgrade interface, it's used for firmware upgrade.

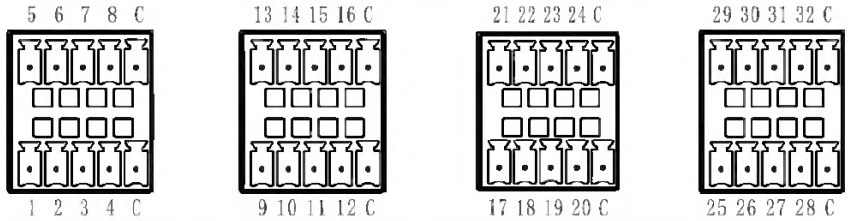
②LAN：RJ45 network interface, and it connect with Ethernet switch.

③Alarm output terminal: provide 8-way switching value (Stem node) signal, the interface is normally open contact, the contact capacity is DC24V/1A.



1、2：Alarm out 1	9、10：Alarm out 5
3、4:Alarm out 2	11、12:Alarm out 6
5、6:Alarm out 3	13、14:Alarm out 7
7、8: Alarm out 4	15、16:Alarm out 8

④Alarm input terminal: provide 32-way alarm signal input ,the interface can be setting as switching value input/ voltage input by the "INPUT SWITCH", when it pill to "SHORT CIRCUIT IN" is switching value input; When pull to "24DC" is voltage input, the control voltage range is DC12V~DC24V.



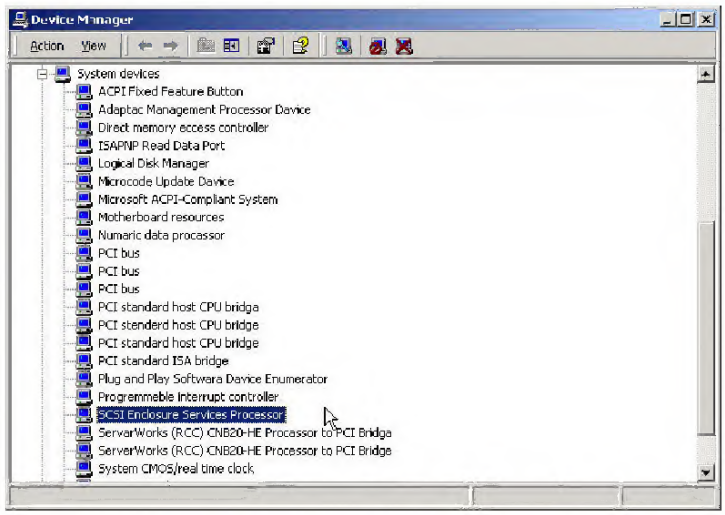
1-4: Alarm input 1-4	17-20: Alarm input 17-20
5-8: Alarm input 5-8	21-24:Alarm input 21-24
9-12: Alarm input 9-12	25-28: Alarm input 25-28
13-16: Alarm input 13-16	29-32: Alarm input 29-32
C: Negative terminal of common port/ voltage input	

⑤Change-over switch: to control the alarm input terminal, it can directly converting between the switching value and voltage input.

⑥220AC IN: power input interface, suitable voltage range is AC185~260V/50HZ.

⑦GND port

4. Launch the Device Manager (Control Panel, System, Hardware) to verify that the driver has been correctly loaded. It should appear under the 'System devices' section.



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This section of ADTRAN's TRACER 4106/4206 System Manual is designed for use by network engineers, planners, and designers for overview information about the TRACER 4106/4206.

Section 2 Microwave Path Engineering Basics 13
Explains the basics of analyzing a wireless microwave link or path. The significant parameters are defined, and several recommendations are offered.

Section 3 Engineering Guidelines 25
Provides information to assist network designers with incorporating the TRACER 4106/4206 system into their networks.

Section 4 Network Turnup Procedure 35
Provides shipment contents list, grounding instructions, mounting options, and specifics of supplying power to the unit.

Section 5 User Interface Guide 41
Provides detailed descriptions of all menu options and configuration parameters available for the TRACER 4106/4206.

Section 6 Troubleshooting Guide 55
Provides helpful information for troubleshooting common configuration problems for the TRACER 4106/4206.

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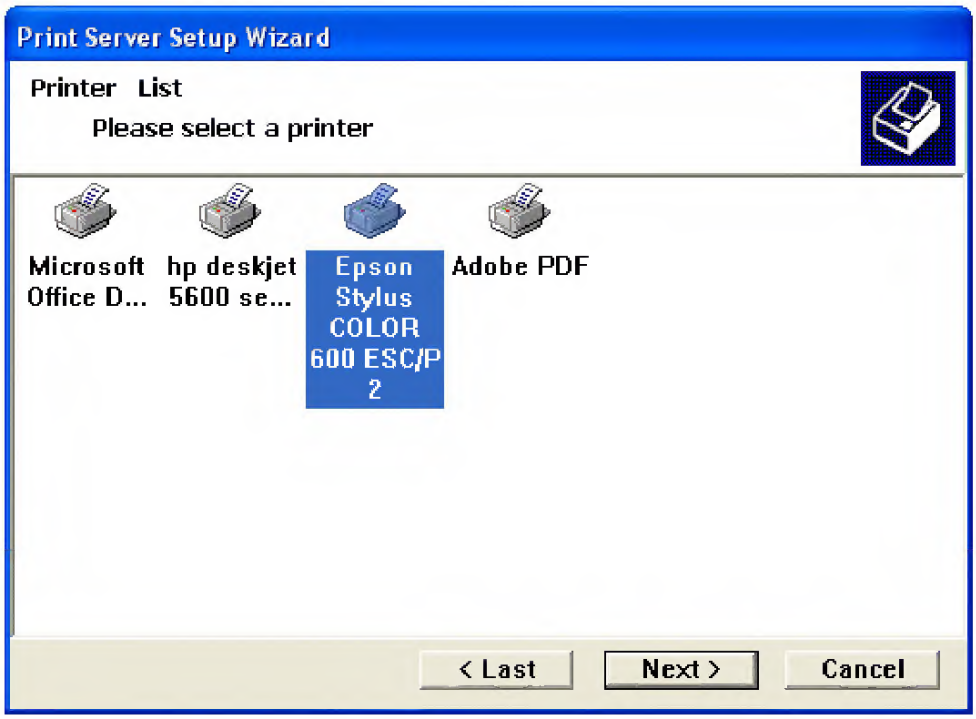
Step 3 Click **Next**.

Print Server Setup Wizard
Welcome To PS Wizard
This program will help you to connect printer to the network print server.
Press Next> to continue.
Platform:Windows XP
Next >
Cancel

Step 4 Select a printer that is connected to the print server and click **Next**.

Note: If you have more than one printer connected to the print server, you'll need to re-run the **PS Wizard** again to setup the other printers.



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CONEXION DE LOS ALTAVOCES

Conexión → A

Los cables con las franjas blancas deberán conectarse a los terminales ⊕, y los otros cables a los terminales ⊖.

1 Conecte los cables de los altavoces a los altavoces.
2 Conecte los cables de los altavoces a la unidad.
Conecte el altavoz derecho a los terminales R ⊕ y ⊖, y el altavoz izquierdo a los terminales L ⊕ y ⊖.
Luego, cierre las palancas para bloquear los cables.

NOTA

- Los sistemas de altavoces están magnéticamente protegidos. Sin embargo, si los altavoces afectan el color de la pantalla de su televisor, apague el televisor y vuélvalo a encender 15-30 minutos después. Si no mejora el color de la pantalla del televisor, aleje los altavoces del televisor.
- No deje imanes u objetos que generan magnetismo cerca de los altavoces.

CONEXION DEL CORDON DE ALIMENTACION DE CA

IMPORTANTE

Conecte el cordón de alimentación CA **después de conectar el aparato, las antenas y otros equipos opcionales.**

Conecte el cordón de alimentación de CA a una toma de corriente CA.
Inicia una demostración de las funciones memorizadas del aparato en la ventanilla visualizadora (Modo DEMO). Esta demostración puede cancelarse. Refiérase al "MODO DEMO (DEMOSTRACION)" en la página 17.
Además de esto, parpadea el botón ⏸ SET para informarle que debe ajustarse la hora. Refiérase a "AJUSTE DEL RELOJ" página 21.
En caso del uso con un equipo opcional, conecte el equipo antes de la conexión del cordón CA.

CONNEXION DES ENCEINTES

Connexion → A

Les cordons avec des traits blancs doivent être connectés aux bornes ⊕ et les autres cordons aux bornes ⊖.

1 Connecter les cordons d'enceinte aux enceintes.
2 Connecter les cordons d'enceinte à l'appareil.
Connecter l'enceinte droite aux bornes R ⊕ et ⊖, et l'enceinte gauche aux bornes L ⊕ et ⊖.
Ensuite, fermer le levier pour verrouiller.

REMARQUE

- Les enceintes sont dotées d'un blindage magnétique. Toutefois, si elles affectent les couleurs de l'écran d'un téléviseur, mettre ce dernier hors tension puis de nouveau sous tension au bout de 15 à 30 minutes. Si les couleurs sont toujours affectées, éloigner les enceintes du téléviseur.
- Ne pas laisser d'aimant ou autre objet produisant un champ magnétique près des enceintes.

CONNEXION DU CORDON SECTEUR

IMPORTANT

Connecter le cordon secteur **après avoir connecté la chaîne, les antennes et tout autre appareil optionnel.**

Brancher le cordon secteur à une prise de courant.
Une démonstration des fonctions mémorisées de l'appareil commence sur la fenêtre d'affichage (mode DEMO). Cette démonstration peut être annulée. Se reporter à la partie "MODE DEMO (DEMONSTRATION)", page 17.
De plus, la touche ⏸ SET clignote pour vous signaler que l'heure courante doit être réglée. Se reporter à la partie "REGLAGE DE L'HORLOGE", page 21.
Dans le cas d'une installation avec un appareil optionnel, connecter cet appareil avant de connecter le cordon secteur.

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4. Do not place this product on an unstable cart, stand or table. If the product falls, it could be seriously damaged.
5. This product should be operated from the type of power indicated on the marking label. If you are not sure of the type of power available, consult your dealer or local power company.
6. Do not allow anything to rest on the power cord. Do not locate this product where people will walk on the cord.
7. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind onto or into the product.
8. Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to qualified service personnel.
9. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
    a. When the power cord or plug is damaged or frayed.
    b. If liquid has been spilled into the product.
    c. If the product has been exposed to rain or water.
    d. If the product does not operate normally when the operating instructions are followed. Adjust only those controls that are covered by the operating instructions, since improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal condition.
    e. If the product has been dropped or the case has been damaged. If the product exhibits a distinct change in performance, indicating a needfor service.
10. To avoid hazard of unexpected electrical shock, use the AC adapter only when the wall socket is properly grounded.

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REMOVING AND INSTALLING THE BLADE (Fig. 13-15)

- Loosen and remove the D-nut, flat washer and wing screw from the work table (1).
- Open the upper and lower door (2) by unscrewing the cover locking screw (3).
- Turn the blade tracking knob (4) counter-clockwise to unlock the blade guide assembly (5). Turning the upper guide knob (6) (clockwise raises the blade guide assembly (5); counter-closewise lowers it), position the blade guide assembly (5) about halfway between the work table and saw housing. Retighten the blade tracking knob (4).
- Open the blade guard by pulling the left side of the guard out and away from the idler wheel.
- Release all blade tension from the blade.
- Carefully remove the old blade (7).
- Wearing gloves, carefully uncoil the new blade at arms, length. If the new blade was oiled to prevent rusting, it may need to be wiped to keep the oil from your workpiece. Carefully wipe in the same direction the teeth are pointing so the rag does not catch on the teeth of the saw blade.

The blade may need to be turned inside out if the teeth are pointing in the wrong direction. Hold the blade with both hands and rotate it inward.

- With the teeth of the blade toward the left of the saw and facing downward, place the blade through the lower blade guides (8) and around both idler wheels.
- Slowly turn the upper idler wheel (9) to the right or clockwise by hand to centre the blade on the rubber tires.
- Re-engagee the blade tension lever (10) then adjust the blade tension; check or adjust the blade tracking.
- Adjust both upper and lower blade guides as explained later in this manual.
- Re-attach the D-nut, flat washer and wing screw. Tighten securely.
- Close the blade guard and upper and lower door. Tighten the cover locking screw.

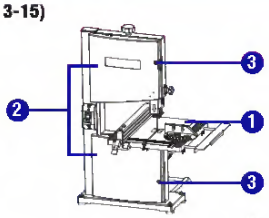

Fig. 13

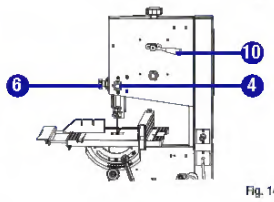

Fig. 14

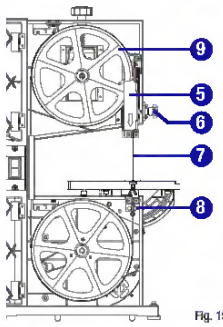

Fig. 15

TRACKING THE BLADE (Fig. 16-17)

- Disconnect the band saw from power source.
- To check the position of the blade, rotate the lower drive wheel (1) by hand in clockwise direction. View the blade through tracking window.
- Loosen the blade tracking knob (2). If the blade rides away from the cabinet, turn the tracking knob clockwise. If the blade rides toward the cabinet, turn the tracking knob counter-clockwise.
- Tighten the blade tracking knob to secure the blade in the proper position.

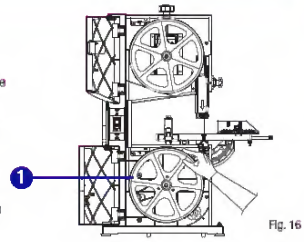

Fig. 16

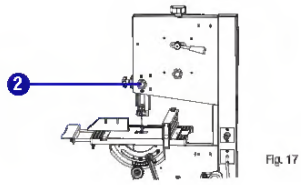

Fig. 17

NOTE:
Proper tracking is achieved only when upper idler wheel and lower drive wheel are aligned.

WARNING!
Always ensure correct tracking of the blade, as an improperly tracked blade may spring out from the blade wheels, thereby causing serious injury. Do not perform the tracking adjustment while band saw is operating.

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